| Electronic Acl                       | Electronic Acknowledgement Receipt      |  |  |  |  |  |
|--------------------------------------|---|--|--|--|--|--|
| EFS ID:                              | 6515988                                 |  |  |  |  |  |
| Application Number:                  | 10582413                                |  |  |  |  |  |
| International Application Number:    |   |  |  |  |  |  |
| Confirmation Number:                 | 7418                                    |  |  |  |  |  |
| Title of Invention:                  | Methods for Enhancing Antibody Activity |  |  |  |  |  |
| First Named Inventor/Applicant Name: | Toshihiko Ohtomo                        |  |  |  |  |  |
| Customer Number:                     | 26161                                   |  |  |  |  |  |
| Filer:                               | Janis K. Fraser/Denise Siede            |  |  |  |  |  |
| Filer Authorized By:                 | Janis K. Fraser                         |  |  |  |  |  |
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| Application Type:                    | U.S. National Stage under 35 USC 371    |  |  |  |  |  |

# **Payment information:**

| Submitted with Payment | no |
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## File Listing:

| Document<br>Number | Document Description | File Name             | File Size(Bytes)/<br>Message Digest                    | Multi<br>Part /.zip | Pages<br>(if appl.) |
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| 1                  | NPL Documents        | Mizushima_18_5322.pdf | 169479<br>d089a49ada1840bfc80fc888313ab7d5954<br>89d50 | no                  | 1                   |
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## **Warnings:**

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| 11           | NPL Documents | Paul_8_242.pdf        | 3806733                                      | no  | 50       |
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| 27 NPL Documents Sheridan_277_818.pdf no 5   | 1350722     1350722   | 277_818.pdf  | Warnings:    |               |                        |  |    |          |  |
| 27         NPL Documents         Sheridan_277_818.pdf  | 27         NPL Documents         Sheridan_277_818.pdf   | 277_818.pdf  | Information: |               |                        |  |    |          |  |
|  | ### Shigeta_42_458.pdf   5d67b686afaf4c06ff011baf5e_725    Warnings:  | 5d67b686afaf4c06ff011baf5ec532a4b91c3 725  42_458.pdf  42_458.pdf  4bff000b9a14a77cb355ffdc751f4835214e4   |              |               |                        | 1350722                                      |    |          |  |
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|  | d48   | 148 d48  | 28           | NPL Documents | Shigeta_42_458.pdf     | //hff000h0a1/a2774b255ff/-7514403534-4       | no | 5        |  |
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| 29           | NPL Documents     | Shulman_276_269.pdf        | 245639                                       | no  | 2  |
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| 29           | NEL Documents     | 311d111a11_270_209.pd1     | 74e78c796f9fee7e3d2ec1218092106c0ff32<br>d02 | 110 | 2  |
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| 30           | NPL Documents     | Smith_Gill.pdf             | 701214                                       | no  | 10 |
| 30           | THE BOCKMENTS     | 3par                       | c917c15478e2b8b31e6fbb2aff62675a7e48<br>9843 | 110 |    |
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| 31           | NPL Documents     | Song_268_390.pdf           | 316076                                       | no  | 5  |
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| 32           | NPL Documents     | Souyri_35_222.pdf          | 4049937                                      | no  | 12 |
| 52           | NFL Documents     | 30uyn_33_222.pdi           | e2baa6183fae0e423fd6ee78afb9a14a33ea<br>16b2 | no  | 12 |
| Warnings:    |                   |                            | ·  |     |    |
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| 33           | NPL Documents     | Spaargaren_266_1733.pdf    | 3946082                                      | no  | 7  |
| 33           | NEL Documents     | Spaargaren_200_1733.pui    | ad2b580ab68b8cf91b932907c225282c239<br>91be4 | no  | ,  |
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| 34           | NPL Documents     | Trowbridge 148 313 ndf     | 1001468                                      | no  | 11 |
| 34           | NEL Documents     | Trowbridge_148_313.pdf     | df94121e7b7fae53a63390e75fc094f85adb<br>8733 | no  | '' |
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| 35           | NDI De sussessite |                            | 405199                                       |     | 11 |
| 33           | NPL Documents     | vanGeelen_89_363.pdf       | 8f9b248d70f239b2b6161be19e02761c942<br>b6595 | no  | 11 |
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| 26           | NDI De sussessite | V 216 165 m lf             | 301484                                       |     | 17 |
| 36           | NPL Documents     | Verma_216_165.pdf          | b8e3b10aede530ae77eb21f2bb1063802d9<br>daca8 | no  | 17 |
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| 37           | NPL Documents     | Wakelee.pdf                | 152211                                       | no  | 6  |
| <i>J</i> ,   | THE DOCUMENTS     |                            | 34416f5065838aaa50321d744ef32097ee73<br>b9d1 | 110 |    |
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| 38           | NPL Documents  | Walczak_16_5386.pdf                    | 762193                                       | no  | 12       |
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|              | THE DOCUMENTS  | //arazan_15_5555;par                   | f4e4c4548b756999cbbf2f6b0ce39cf99f733<br>b0d | •   |          |
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| 39           | NPL Documents  | Ward_341_544.pdf                       | 373764                                       | no  | 3        |
|              | THE DOCUMENTS  | // / / / / / / / / / / / / / / / / / / | 01bc7685f54aff80ad486915844cad3099b3<br>ecf6 | •   |          |
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| 41           | NPL Documents  | Whitlow_7_1017.pdf                     | 1206605                                      | no  | 10       |
| 71           | Ni E Documents | wintiow_/_Tor/.pui                     | 7a01fe41d2ce268c02532ec64393dafff4d9e<br>02b | 110 |          |
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| 42           | NDI Documento  | Wiley 2 672 pdf                        | 1300982                                      |     | 10       |
| 42           | NPL Documents  | Wiley_3_673.pdf                        | 1900723669aa401c66a7ca0a94fdc4dac936<br>c138 | no  | 10       |
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| 43           | NPL Documents  | Winkler 265, 4505 pdf                  | 1170621                                      |     | 10       |
| 43           | NPL Documents  | Winkler_265_4505.pdf                   | f699c2565e07eb179f5aeb27e6517cf260fc1<br>bff | no  | 10       |
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|              | 1151.5         | ),, a = = = = 16                       | 479866                                       |     |          |
| 44           | NPL Documents  | Xie_15_768.pdf                         | 8fc971239dab14c203ac266c3c802e0d0c5c<br>472f | no  | 4        |
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|              |                | V V 22 16                              | 647607                                       |     | _        |
| 45           | NPL Documents  | Yagita_95_777.pdf                      | 03df653fb782e9c2f5fed0cd416a5a14d079<br>8d8a | no  | 7        |
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| 46           | NPL Documents  | Yanabu_89_1590.pdf                     | 358236                                       | no  | 10       |
|              | The Documents  | 14.1404_05_1550.pdf                    | 736d792584302170081dab9035b2890971<br>6e90e3 | 110 |          |
| Warnings:    |                |  |  |     |          |
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| 47           | NPL Documents | Yarden_26_1434.pdf         | 2376377<br>d22f314fce56c6d6b8767238ead2cec32ce9<br>4c59 | no | 9  |
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| Warnings:    |               | I                          | <u> </u>  |    |    |
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| 48           | NPL Documents | Yelton_81_1.pdf            | 4c67f5ead16e157cede59288d9bc19280b0<br>1706e            | no | 9  |
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| 49           | NPL Documents | RR101906_10530696_141.pdf  |   | no | 8  |
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| 50           | NPL Documents | RRR111606_10530696_141.pdf | 1bb2024afe86d44f60aa56406fbe3d469198                    | no | 1  |
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| 51           | NPL Documents | OA122106_10530696_141.pdf  | 1066010   | no | 19 |
| 51           | NEL Documents | OA122100_10530090_141.pdf  | eb97af7c757fd5a87b5471da092684be193<br>b1737            | no | 19 |
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| 52           | NPL Documents | OAR042307_10530696_141.pd  |   | no | 16 |
|              |               |                            | 4d85f945b2845768e8c3eaef295d048e824<br>a7b60            |    |    |
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| 53           | NPL Documents | 0.000007 10530606 141 m df | 653051  |    | 10 |
| 55           |               | OA080807_10530696_141.pdf  | 21e09741bbb2134a747f06664c5aa28bb24<br>74d38            | no | 13 |
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|              |               |                            | 7e09771c44e5708811883656bb16c3f3d8b<br>c42ef            |    |    |
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| 58           | NPL Documents  | OAR080508_10530696_141.pdf   | d12d760f775fad9f7a9c9b21d5825ed23dae<br>b1f7 | no    |          |
| 58           | NPL Documents  | OADOOFOO 10520606 141 pdf    | 662811                                       | no    | 7        |
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| 57           | NPL Documents  | OA020508_10530696_141.pdf    | 1c1f79b10cd2fb3dfe53e06f5d05c83eb34d<br>03a4 | no    | 9        |
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| 56           | NPL Documents  | AA121407_10530696_141.pdf    | dde012023dd01d8d721d8c1e09155da9a5           | no    | 3        |
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